

MSDS 1885

MATERIAL SAFETY DATA SHEET

09/01/03 ESSENTIALLY SIMILAR TO U.S. DEPARTMENT OF LABOR FORM OSHA-174

SECTION I-IDENTIFICATION

MANUFACTURERS NAME: SCOTCH CORPORATION

ADDRESS: 617 E. TENTH ST., DALLAS, TEXAS 75203

EMERGENCY TELEPHONE: 214-943-4605

PRODUCT NAME: INSTANT POWER SEWER LINE ROOT DESTROYER

PRODUCT CODE: 1885

SECTION II-HAZARDOUS INGREDIENTS

COPPER SULFATE, PENTAHYDRATE CAS # 7758-99-8

SECTION III-PHYSICAL DATA

BOILING POINT: >1040 F (DECOMPOSES)

FREEZING/MELTING POINT: 302 F

SPECIFIC GRAVITY (H2O=1): 2.28 @ 15.6C (H2O=1)

SOLUBILITY IN WATER: 31.6G/100CC @ 0 DEG C (32F)

VAPOR PRESSURE (mm Hg): 20 TORR AT 22.5 DEG C

VAPOR DENSITY: 8.6

EVAPORATION RATE (BUAC=1): SLOWLY EFFLORESCENT

PH: 3.7-4.2 (10% SOLN.)

APPEARANCE AND ODOR: BLUE CRYSTALS, ODORLESS

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NOT A FLAMMABLE OR COMBUSTIBLE MATERIAL, BUT MAY DECOMPOSE IN THE HEAT OF A FIRE TO PRODUCE CORROSIVE AND/OR TOXIC FUMES.

FIREFIGHTING MEDIA: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

SPECIAL FIREFIGHTING PROCEDURES: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. WHEN HEATED ABOVE 110C (302F) MATERIAL WILL MELT. AVOID USING A DIRECT WATER STREAM ON MOLTEN MATERIAL AS IT MAY CAUSE SPLATTERING. DIKE FIRE CONTROL WATER FOR DISPOSAL.

SECTION V-HEALTH HAZARD DATA

HEALTH HAZARDS ACUTE/CHRONIC: **ACUTE EXPOSURE**-IRRITANT-INHALATION OF DUSTS AND MIST OF COPPER SALTS MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT. **CHRONIC EXPOSURE**-CAN CAUSE BREATHING DISORDERS, IRRITATION OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

EMERGENCY FIRST AID PROCEDURES: **EYE CONTACT**-FLUSH EYES WITH WATER FOR 20 MINUTES, LIFTING LOWER AND UPPER EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION IMMEDIATELY. **SKIN CONTACT**-WASH SKIN WITH SOAP & WATER FOR AT LEAST 20 MINUTES. REMOVE CONTAMINATED CLOTHING. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. **INHALATION**-REMOVE VICTIM TO FRESH AIR AND, IF NEEDED, IMMEDIATELY BEGIN ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION IMMEDIATELY. **INGESTION**-DO NOT INDUCE VOMITING. HAVE VICTIM RINSE MOUTH THOROUGHLY WITH WATER, IF CONSCIOUS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN OR POISON CONTROL IMMEDIATELY.

HMS RATINGS: HAZARD SCALE: 0=MINIMAL; 1=SLIGHT; 2=MODERATE; 3=SERIOUS; 4=SEVERE; *CHRONIC HAZARD
HEALTH: 2* FIRE: 0 REACTIVITY: 0 PRESSURE: 0

SECTION VI-REACTIVITY DATA**REACTIVITY:** STABLE**CONDITIONS TO AVOID:** INCOMPATIBLES**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR**HAZARDOUS DECOMPOSITION PRODUCTS:** SULFUR OXIDES AND COPPER OXIDES**INCOMPATIBLE MATERIALS:** AVOID CONTACT WITH HYDROXYLAMINE, MAGNESIUM AND REDUCING AGENTS. THIS PRODUCT CAN CORRODE ALUMINUM, STEEL AND IRON. COPPER SULFATE PENTAHYDRATE IS INCOMPATIBLE WITH ALKALINES, PHOSPHATES, ACETYLENE, HYDRAZINE AND NITROMETHANE.**SECTION VII-SPILL AND LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIALS ARE RELEASED OR SPILLED:** VENTILATE AREA OF LEAK OR SPILL. CONTAIN THE DISCHARGED MATERIAL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. SWEEP UP WITHOUT CREATING A DUST CLOUD, MARK AND STORE AS HAZARDOUS WASTE. IF NOT SWEEPABLE, COLLECT ON ABSORBENT MATERIAL, STORE AS HAZARDOUS WASTE.**WASTE DISPOSAL METHOD:** EPA APPROVED HAZARDOUS WASTE DISPOSAL SITE. FOLLOW APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.**SECTION VIII-SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION:** NIOSH APPROVED DUST MASK**VENTILATION:** LOCAL AND MECHANICAL EXHAUST RECOMMENDED.**GLOVES:** CHEMICAL IMPERVIOUS GLOVES.**EYE PROTECTION:** CHEMICAL GOGGLES OR FULL FACE SHIELD.**SECTION IX-SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** USE WITH ADEQUATE VENTILATION. AVOID ALL CONTACT WITH SKIN AND EYES. WASH THOROUGHLY AFTER HANDLING. KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA AWAY FROM SUNLIGHT. PROTECT AGAINST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLE SUBSTANCES. SOLUTIONS ARE CORROSIVE TO MILD STEEL. KEEP AWAY FROM CHILDREN.**SECTION X-REGULATORY INFORMATION**

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO KNOW ACT OF 1986 AND OF 40 CFR 372:

CHEMICAL NAME: COPPER SULFATE PENTAHYDRATE **CAS #** 7758-99-8 **%BY WEIGHT** 100%

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